Index of Claims



Application/Control No.

09/881,628

Examiner

Applicant(s)/Patent under Reexamination

MUSOLL ET AL

**Art Unit** 

**Kevin Mew** 

2616

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

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| Cla             | im   | Date     |          |  |          |                           |   |  |              |          |
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|                 | 4  | Ħ        | T        | T  |          | <b>-</b>                  |   |  | T            | Н        |
|                 | 5  | П        |          |  |          | Т                         |   |  |              | $\Box$   |
|                 | 1<br>2<br>3<br>4<br>5<br>6                               | П        |          |  |          |                           |   |  |              | П        |
|                 | 7  | П        |          |  |          |                           |   |  |              |          |
|                 | 8<br>9   | П        |          | Π  |          | ļ                         |   |  |              | $\Box$   |
|                 |  | П        |          |  |          |                           |   |  |              |          |
|                 | 10   | Ц        |          |  |          |                           |   |  |              |          |
| L               | 11   | Ш        | L        |  | L        |                           |   | L  | L            | Ш        |
|                 | 12   | Ш        | _        | L  | L        |                           | L | _  |              | Ш        |
|                 | 13   | Ц        |          | Ŀ  |          |                           | L | L  |              | Ш        |
|                 | 14   | Ц        | L_       | <u> </u>   |          |                           |   | <u> </u>   | <u>_</u>     | Ш        |
| <u> </u>        | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20 | Ц        |          | _  | L.       | _                         |   |  | <u>L</u>     |          |
|                 | 16   | Ц        |          |  | <u> </u> |                           | · |  | L            | Ш        |
|                 | 17   | Ц        |          |  | L.       |                           |   | _  | L            | Ш        |
|                 | 18   | Н        | _        | _  | <u> </u> |                           |   | L  | <u>L</u>     |          |
|                 | 19   | Н        | <u> </u> | _  | _        | <u> </u>                  |   | _  | ļ            | Ш        |
|                 | 20   | Ш        | _        |  | <u> </u> | $ldsymbol{ldsymbol{eta}}$ | _ |  | _            | Ш        |
|                 | 21   | Ш        | <u> </u> | <u> </u>   | _        |                           |   |  | <u> </u>     | Ш        |
| $\vdash$        | 22   | Н        | <u> </u> |  | L.,      |                           |   | <u> </u>   |              | Н        |
|                 | 23   | Н        | <u> </u> | <u> </u>   | <u> </u> |                           |   | L.   | <u> </u>     | Н        |
| -               | 24   | H        | <u> </u> | _  | H        |                           | _ |  | ļ            | Н        |
|                 | 25   | H        | ⊢        | <u> </u>   | _        |                           |   |  | <del> </del> | Н        |
| $\vdash$        | 22<br>23<br>24<br>25<br>26<br>27                         | Н        | -        | $\vdash$   |          |                           | _ | -  | -            | Н        |
|                 | 20   | H        | _        |  |          |                           | _ | $\vdash$   |              | Н        |
| $\vdash$        | 28<br>29   | ╁        | -        | $\vdash$   |          |                           | - | -  | -            | Н        |
|                 | 30   | ╁        | -        | $\vdash$   | _        | _                         |   | -  |              | Н        |
|                 | 30<br>31   | H        | $\vdash$ | -  | _        | -                         |   | $\vdash$   | $\vdash$     | Н        |
|                 | 32   | H        | -        | <del>                                     </del> |          |                           |   | -  |              | H        |
|                 | 33   | H        | $\vdash$ | Н  | _        |                           |   | $\vdash$   |              | Н        |
|                 | 34   | H        |          |  |          |                           |   |  | -            | Н        |
|                 | 33<br>34<br>35   | $\sqcap$ | П        |  |          |                           |   |  |              | Н        |
|                 | 36   | $\Box$   |          |  |          |                           |   |  |              | П        |
|                 | 36<br>37   | Ŧ        |          |  |          |                           |   |  |              |          |
|                 | 38   | W        |          |  |          |                           |   |  |              |          |
|                 | 39   | Ň        |          |  |          |                           |   |  |              |          |
|                 | 40   | Ĺ        |          |  |          |                           |   |  |              |          |
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| $\sqcup \sqcup$ | 42   |          | Ш        | Ш  |          |                           |   |  | $\Box$       | Ш        |
| $\sqcup \sqcup$ | 43   |          |          |  |          |                           |   |  | Ш            | Ш        |
| $\longmapsto$   | 44   |          | Щ        | Ш  | _        |                           |   |  |              | Ш        |
|                 | 45   |          |          | Ш  |          |                           | _ |  |              | Щ        |
| $\sqcup \sqcup$ | 46   |          | Щ        | $\sqcup$   |          |                           |   |  | Ш            | Щ        |
|                 | 47   | Ш        |          | Ш  |          |                           |   | _  | Щ            | $\sqcup$ |
| <b>  </b>       | 48   |          | _        |  |          | ļ                         | _ |  |              | $\dashv$ |
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| Cli  | aim                        | Date   |  |              |              |  |  |          |  |          |  |
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| <u>                                   </u> |                            | Г  | ſ  | т '          | Ť            | Ť  | Т  | Ŧ        | т-   |          |  |
| Final                                      | Original                   |  |  |              |              |  |  |          |  |          |  |
|  | 51<br>52<br>53             |  |  |              |              |  |  |          |  |          |  |
|  | 52                         |  |  |              |              | П  |  |          |  |          |  |
|  | 53                         |  |  |              |              |  |  | Г        |  |          |  |
|  | 54<br>55                   |  |  |              |              |  |  |          |  |          |  |
|  | 55                         |  | L  |              | L            |  |  |          | L  |          |  |
| <u> </u>                                   | 56                         | _  | L  |              | -            |  | L  |          |  | <u> </u> |  |
|  | 57                         | <u> </u>   | _  | ┞-           | Ļ            | ┞.   | ┞  | <u> </u> | L  | _        |  |
| <u> </u>                                   | 58                         | ┞-   | ┞  | $\vdash$     | _            | <u> </u>   | ┞  | L        | <u> </u>   | _        |  |
| -  | 59                         | _  | -  | -            | <u> </u>     | ├-   | <del> </del> _                                   | <u> </u> | <del> </del>                                     | ├_       |  |
|  | . 60<br>61                 | -  |  | ├-           | ⊢            | ┝  | ⊢  |          | ├-   | ├-       |  |
| -  | 67                         | -  | <del> </del>                                     | -            | ├            | ┝  | -  | ┞        | <u> </u>   | <u> </u> |  |
| -  | 62<br>63                   | ┢  | ⊢  | <del> </del> | ├—           | ├  | ┝  | ├-       | ├  | ļ        |  |
|  | 64                         | ├  | ├  | ⊢            | -            | -  | ⊢  | $\vdash$ | F  | ⊢        |  |
| -  | 65                         | $\vdash$   | -  | ├-           | ⊢            | ├-   | ├-   | ⊢        | ⊢  | ⊢        |  |
| $\vdash$                                   | 66                         | ╁  | $\vdash$   | ├            | ├            | $\vdash$   | ⊢  | -        | -  |          |  |
| -  | 67                         | -  | $\vdash$   |              | -            | ┢  | ┢  | -        | <del>                                     </del> |          |  |
| -  | 68                         | $\vdash$   | $\vdash$   | -            | -            | ⊢  | $\vdash$   | -        | ╁─   | ┢╾       |  |
| $\vdash$                                   | 68<br>69                   | $\vdash$   |  | $\vdash$     | ┢            | ┢  | 1  | -        | ┢  | ⊢        |  |
| -  | 70                         | ┢  |  |              | ├─           | $\vdash$   | <del>                                     </del> | H        | $\vdash$   |          |  |
|  | 71                         | <del>                                     </del> |  | $\vdash$     | ┢            | $\vdash$   | $\vdash$   |          | t  |          |  |
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|  | 73                         |  |  | $\vdash$     |              | Т  |  | Г        |  |          |  |
|  | 71<br>72<br>73<br>74<br>75 | Ī  |  | T            |              |  |  | <u> </u> |  |          |  |
|  | 75                         |  |  |              |              |  |  |          |  |          |  |
|  | 76<br>77                   |  |  | П            |              |  |  |          |  |          |  |
|  | . 77                       |  |  |              |              |  |  |          |  |          |  |
|  | 78                         |  |  |              |              |  |  |          |  |          |  |
| <u></u>                                    | 79                         |  |  | L_           |              | _  | 匚  | <u> </u> |  | L        |  |
|  | 80                         | L  |  |              | _            |  | _  | _        |  |          |  |
| -  | 81                         | _  | <u> </u>   | _            |              | <u> </u>   | <u> </u>   |          | _  | <u> </u> |  |
|  | 82<br>83                   | ┡  | ļ  | _            | L.           | ļ  | <u> </u>   | <u> </u> |  |          |  |
|  | 83                         | ⊢  | <u> </u>   | -            |              | <u> </u>   | L  |          | ├  | $\vdash$ |  |
| -  | 84<br>85                   | -  | ├  | -            | $\vdash$     | ⊢  | H  |          | -  | _        |  |
| -  | 86                         | -  | ⊢  | ├            | $\vdash$     | $\vdash$   | ⊢  | $\vdash$ | -  | Ŀ        |  |
| -  | 87                         | <del> </del>                                     | $\vdash$   | -            | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$ | -  | $\vdash$ |  |
|  | 88                         | $\vdash$   | $\vdash$   | <del> </del> |              | <del> </del>                                     | -  | ⊢        | $\vdash$   | $\vdash$ |  |
|  | 89                         | ŀ  | <del>                                     </del> | $\vdash$     | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$ |  | $\vdash$ |  |
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|  | 92                         |  |  |              |              |  |  |          |  |          |  |
|  | 93                         | T  |  |              |              |  |  |          |  | М        |  |
|  | 94                         | Γ  |  |              |              |  |  |          |  |          |  |
|  | 95                         |  |  |              |              |  |  |          |  |          |  |
|  | 96                         |  |  |              |              |  |  |          |  |          |  |
|  | 97                         |  |  |              |              |  |  |          |  |          |  |
|  | 98                         |  |  |              |              |  |  |          |  |          |  |
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| Final       | Original          |  |          |              | •        |  |          |          |  |                 |  |
| <del></del> | 101               |  | 1        | 1            | T        |  |          |          |  | П               |  |
|             | 102               | Π  | Т        | 1            | Ī        | П  | Т        | T        |  |                 |  |
|             | 103               |  |          |              |          |  |          |          |  |                 |  |
|             | 104               | _  | oxdot    |              | L        |  |          | L        |  |                 |  |
|             | 105<br>106        | L  | L        | L            | L.       | _  | L        |          |  |                 |  |
|             | 106               | ļ  | L        | _            | _        | <u>.                                    </u> | <u> </u> | <u> </u> | <u> </u>   | Ш               |  |
| <u> </u>    | 107               | ├_   | ┡        | ₽            | ⊢        | ┞  |          | ┞-       | ┞  | Ы               |  |
|             | 108               | ┝  | ┝        | -            | $\vdash$ | -  | ⊢        | -        | <del> </del>                                     | $\vdash$        |  |
| <u> </u>    | 109<br>110        | ├  | ┝        | ┢            | -        | ├  |          | ┝        | ⊢  | Н               |  |
|             | 111               | ├  | -        | ╁            | ╁        | ╁  | ╁        | ╁┈       | -  |                 |  |
|             | 112               | ╁┈   | -        | -            | $\vdash$ | ╁  | H        | ╁        | ├-   | $\vdash$        |  |
|             | 113               | -  | ╁        | ┢            | t        | $\vdash$                                     | H        | -        | <del>                                     </del> |                 |  |
|             | 113<br>114<br>115 | T  | -        | -            | †        |  | İ        | 1        | <b>i</b> -                                       |                 |  |
|             | 115               | <u> </u>   |          | Т            | Г        | t  |          |          |  | П               |  |
|             | 116<br>117        |  |          |              | П        |  |          |          |  | П               |  |
|             | 117               |  |          |              |          |  |          |          |  |                 |  |
|             | 118               |  |          |              |          |  |          |          |  |                 |  |
|             | 119               |  |          |              |          | L  |          |          |  |                 |  |
|             | 120               | <u> </u>   | <u> </u> |              | _        | L  | L        | L        |  | Ш               |  |
|             | 121               | $oxed{oxed}$                                     | <u> </u> | L            | _        | _  | _        | _        | _  | Ш               |  |
|             | 122<br>123        | _  | <u> </u> | _            | L        | _  | <u> </u> | L        | _  | $\sqcup$        |  |
|             | 123               | ├  | ├_       | ├_           | <u> </u> | <b>—</b>                                     | _        | ⊢        | _  | Н               |  |
|             | 124<br>125        | -  | ├        | <del> </del> | ├        | ┝  | ⊢        | ├        | -  |                 |  |
|             | 126               | ⊢  | ⊢        | ⊢            | -        | ├  | ├        | ├        | -  | $\vdash\vdash$  |  |
| -           | 127               | ┞  | ┢        | ┢            | $\vdash$ | H  | ╁╌       | ├        | <del> </del>                                     | H               |  |
|             | 127<br>128<br>129 | <del>                                     </del> | -        | 1            | -        |  | H        | ├        | <del>                                     </del> | H               |  |
|             | 129               | ļ —  | $\vdash$ | $\vdash$     | Н        |  | -        | 1        |  | Н               |  |
|             | 130               |  |          |              |          |  |          | 1        | <u> </u>   |                 |  |
|             | 131               |  |          |              |          |  |          |          |  |                 |  |
|             | 132               |  |          |              |          |  |          |          |  |                 |  |
|             | 133               |  |          |              |          |  |          |          |  |                 |  |
|             | 134               | <u> </u>   |          |              |          | _  | _        | <u> </u> | _  | Ш               |  |
|             | 135               | <b> </b>   | L_       | <u> </u>     | $\vdash$ | _  | <u> </u> | <u> </u> | <u> </u>   | Ш               |  |
|             | 136               | <u> </u>   | ⊢        | ├-           | <u> </u> | $\vdash$                                     | ⊢        | -        | <u> </u>   | $\sqcup$        |  |
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|             | 144               |  | <u> </u> | $\vdash$     | <b></b>  | Т  | $\vdash$ | Т        | $\vdash$   | H               |  |
|             | 145               |  |          |              | Т        | П  |          | Г        |  | $\vdash$        |  |
|             | 146               |  |          |              |          |  |          |          |  | П               |  |
|             | 147               |  |          |              |          |  |          |          |  | $\Box$          |  |
|             | 148               |  |          |              |          |  |          |          |  |                 |  |
|             | 149               |  |          |              |          |  |          |          |  |                 |  |
|             | 150               |  |          |              |          |  |          |          |  |                 |  |